

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072924\
 Data File : BF138678.D
 Acq On : 29 Jul 2024 19:47
 Operator : RC/JU
 Sample : P3367-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TR-06-07252024

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 07/30/2024
 Supervised By :mohammad ahmed 07/31/2024

Quant Time: Jul 30 01:02:15 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF070924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 09 16:58:40 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	95571	20.000	ng	-0.02
21) Naphthalene-d8	8.128	136	338186	20.000	ng	-0.02
39) Acenaphthene-d10	9.886	164	136024	20.000	ng	-0.02
64) Phenanthrene-d10	11.374	188	205379	20.000	ng	-0.01
76) Chrysene-d12	14.015	240	125312	20.000	ng	-0.01
86) Perylene-d12	15.486	264	105364	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	541530	89.740	ng	-0.01
7) Phenol-d6	6.487	99	703834	87.677	ng	-0.02
23) Nitrobenzene-d5	7.410	82	434509	63.082	ng	-0.02
42) 2,4,6-Tribromophenol	10.680	330	98100	77.166	ng	-0.01
45) 2-Fluorobiphenyl	9.210	172	627667	72.118	ng	-0.02
79) Terphenyl-d14	12.963	244	554328	72.065	ng	-0.01
Target Compounds						Qvalue
71) Phenanthrene	11.398	178	21064	2.030	ng	98
75) Fluoranthene	12.592	202	67083	6.336	ng	98
78) Pyrene	12.816	202	64908	5.102	ng	97
81) Benzo(a)anthracene	14.004	228	31347	3.728	ng	# 90
83) Chrysene	14.039	228	32615	4.100	ng	# 96
87) Indeno(1,2,3-cd)pyrene	16.962	276	16901	2.388	ng	99
88) Benzo(b)fluoranthene	15.057	252	34990m	5.897	ng	
89) Benzo(k)fluoranthene	15.074	252	12091m	2.089	ng	
90) Benzo(a)pyrene	15.421	252	23806	4.567	ng	# 88
92) Benzo(g,h,i)perylene	17.409	276	17995	2.931	ng	# 85

(#) = qualifier out of range (m) = manual integration (+) = signals summed

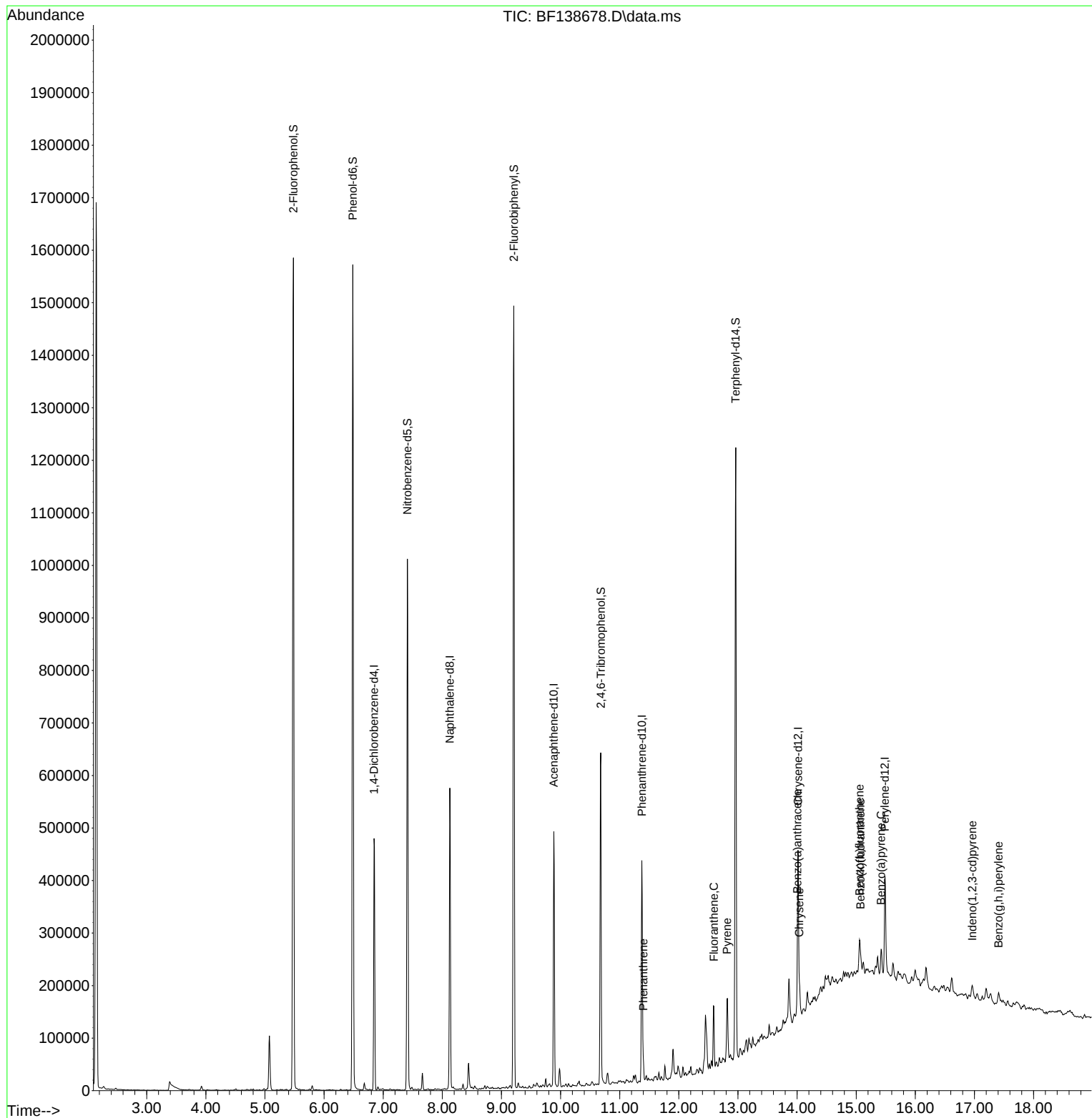
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072924\
Data File : BF138678.D
Acq On : 29 Jul 2024 19:47
Operator : RC/JU
Sample : P3367-01
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ALS Vial : 12 Sample Multiplier: 1

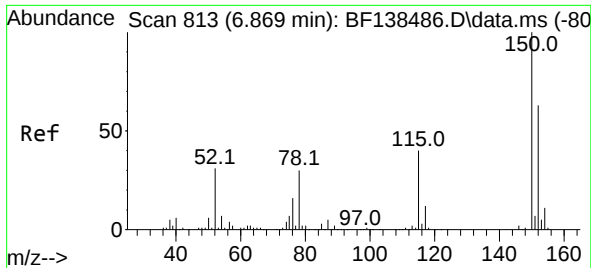
Instrument :
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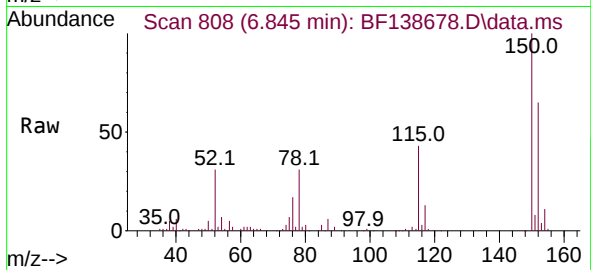
Quant Time: Jul 30 01:02:15 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF070924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 09 16:58:40 2024
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 808
Delta R.T. -0.024 min
Lab File: BF138678.D
Acq: 29 Jul 2024 19:47

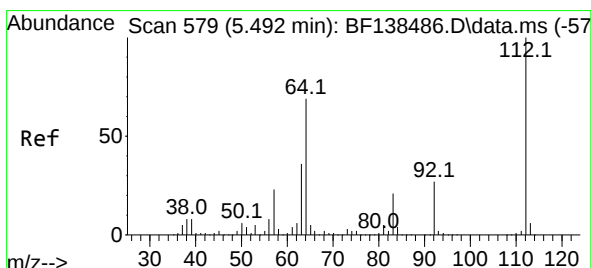
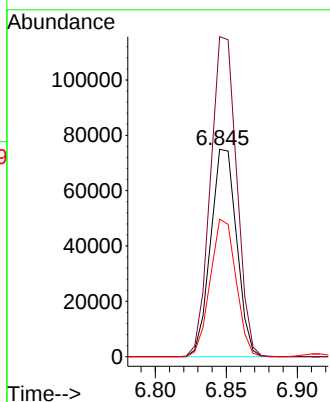
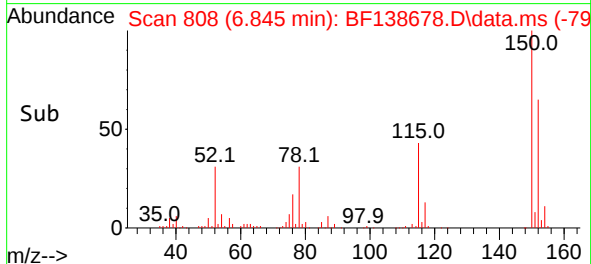
Instrument :
BNA_F
ClientSampleId :
TR-06-07252024



Tgt Ion:152 Resp: 9557
Ion Ratio Lower Upper
152 100
150 154.4 126.2 189.4
115 66.3 50.3 75.5

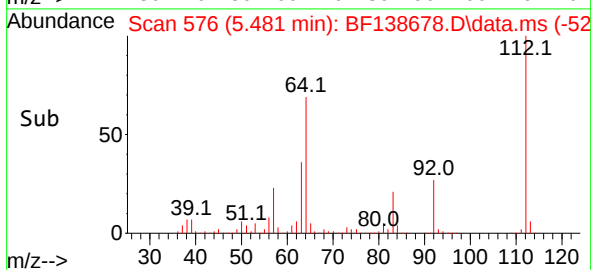
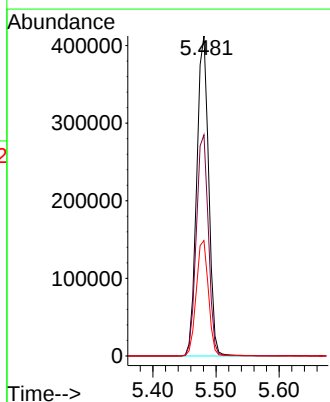
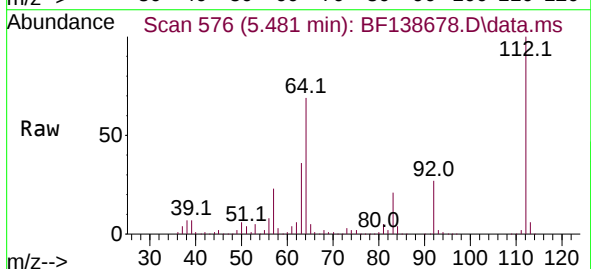
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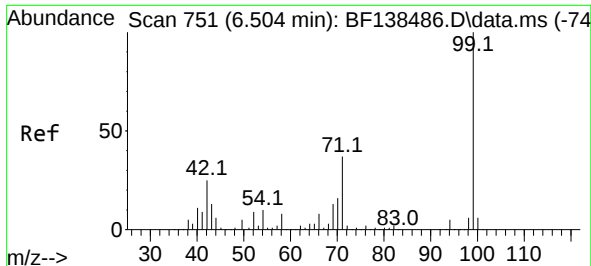
Reviewed By :Jagrut Upadhyay 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



#5
2-Fluorophenol
Concen: 89.740 ng
RT: 5.481 min Scan# 576
Delta R.T. -0.012 min
Lab File: BF138678.D
Acq: 29 Jul 2024 19:47

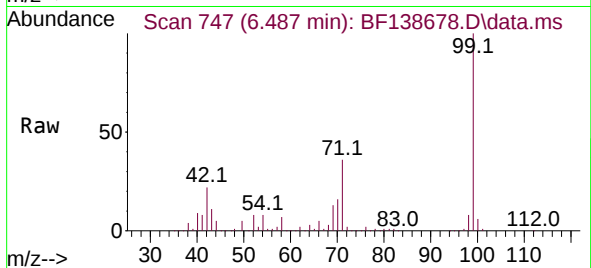
Tgt Ion:112 Resp: 541530
Ion Ratio Lower Upper
112 100
64 69.1 55.1 82.7
63 36.1 29.0 43.6





#7
Phenol-d6
Concen: 87.677 ng
RT: 6.487 min Scan# 74
Delta R.T. -0.018 min
Lab File: BF138678.D
Acq: 29 Jul 2024 19:47

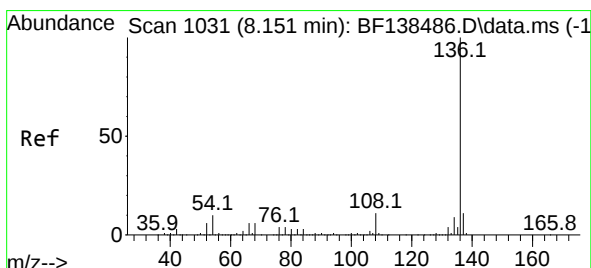
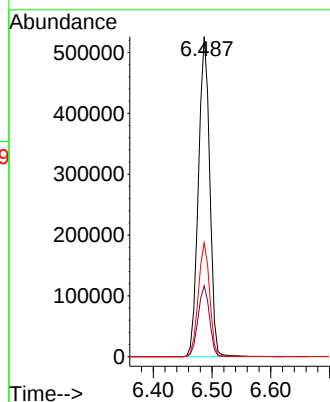
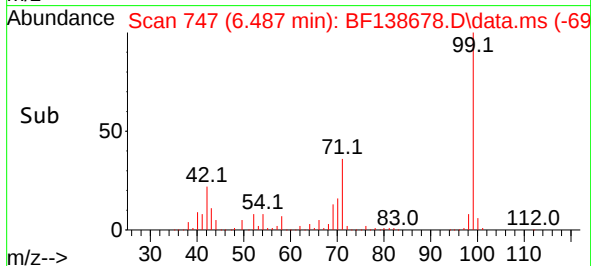
Instrument :
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ClientSampleId :
TR-06-07252024



Tgt Ion: 99 Resp: 703834
Ion Ratio Lower Upper
99 100
42 22.2 19.7 29.5
71 35.6 29.9 44.9

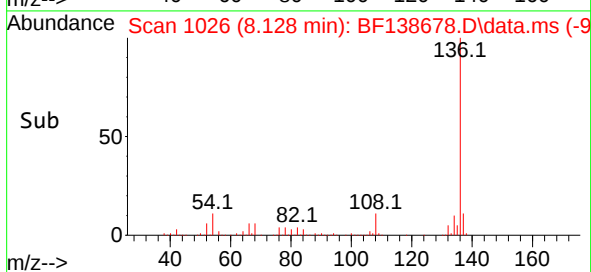
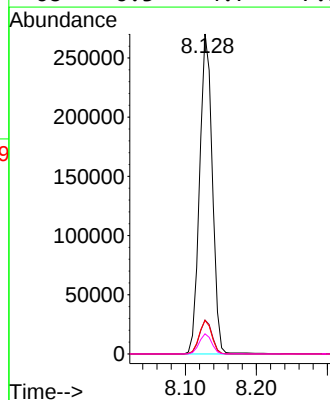
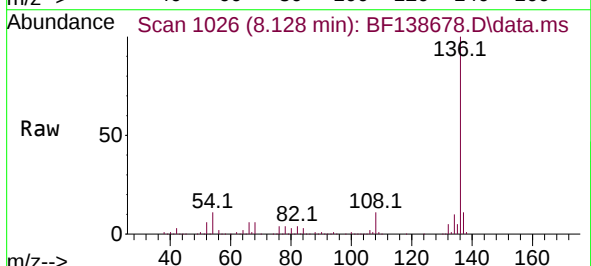
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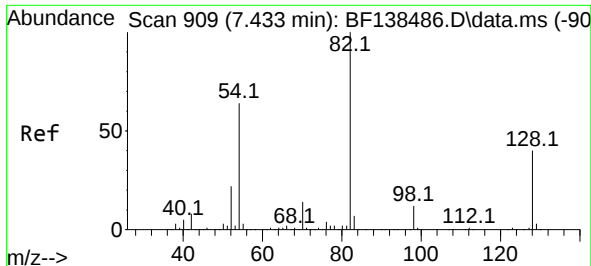
Reviewed By :Jagrut Upadhyay 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1026
Delta R.T. -0.023 min
Lab File: BF138678.D
Acq: 29 Jul 2024 19:47

Tgt Ion:136 Resp: 338186
Ion Ratio Lower Upper
136 100
137 10.6 8.5 12.7
54 10.5 8.1 12.1
68 6.3 4.7 7.1





#23

Nitrobenzene-d5

Concen: 63.082 ng

RT: 7.410 min Scan# 909

Delta R.T. -0.023 min

Lab File: BF138678.D

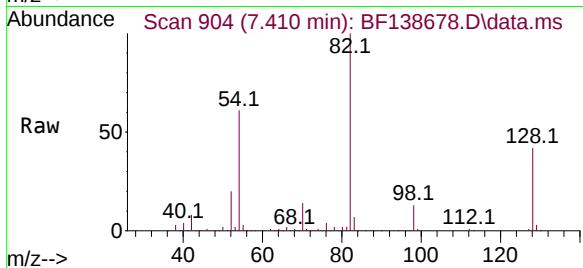
Acq: 29 Jul 2024 19:47

Instrument :

BNA_F

ClientSampleId :

TR-06-07252024



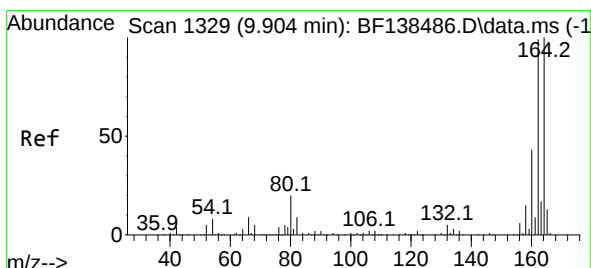
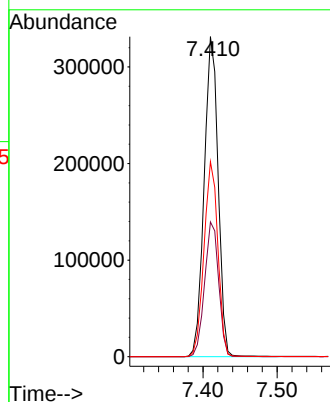
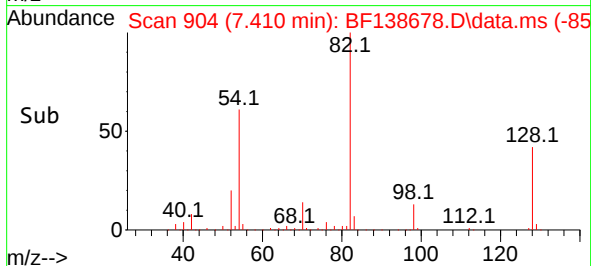
Tgt Ion: 82 Resp: 434509

Ion	Ratio	Lower	Upper
82	100		
128	42.1	32.3	48.5
54	60.9	51.4	77.0

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#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.886 min Scan# 1325

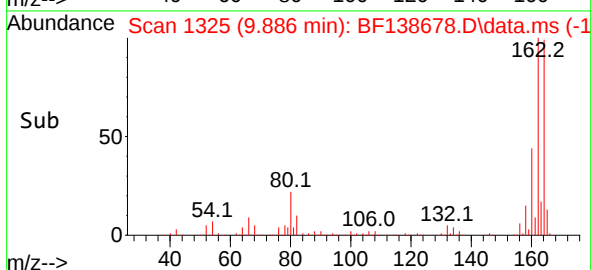
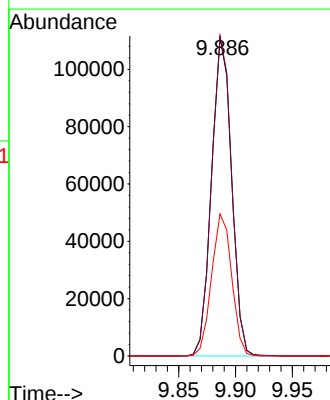
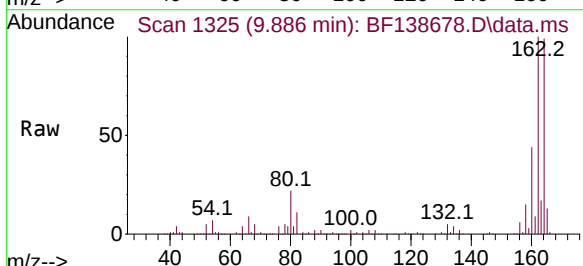
Delta R.T. -0.018 min

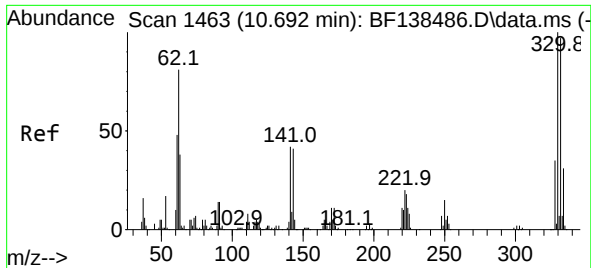
Lab File: BF138678.D

Acq: 29 Jul 2024 19:47

Tgt Ion:164 Resp: 136024

Ion	Ratio	Lower	Upper
164	100		
162	100.6	79.0	118.6
160	44.7	34.4	51.6





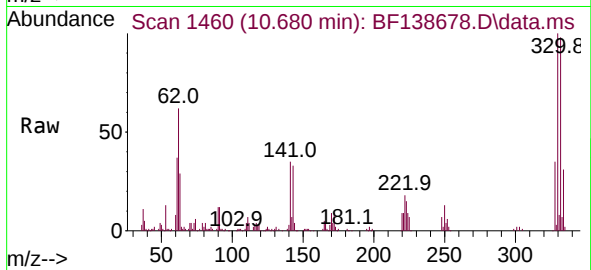
#42
2,4,6-Tribromophenol
Concen: 77.166 ng
RT: 10.680 min Scan# 1460
Delta R.T. -0.012 min
Lab File: BF138678.D
Acq: 29 Jul 2024 19:47

Instrument :

BNA_F

ClientSampleId :

TR-06-07252024

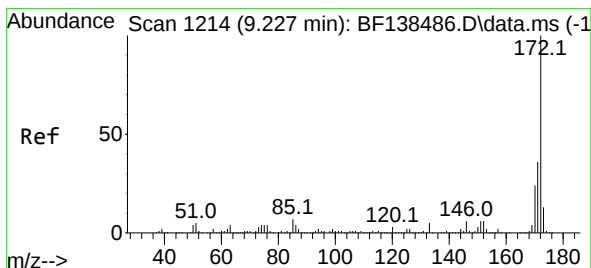
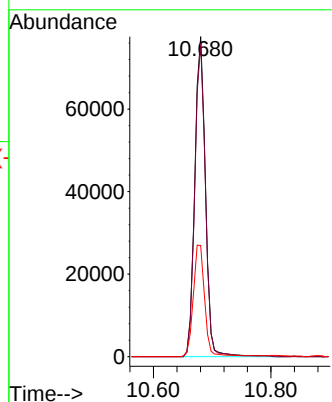
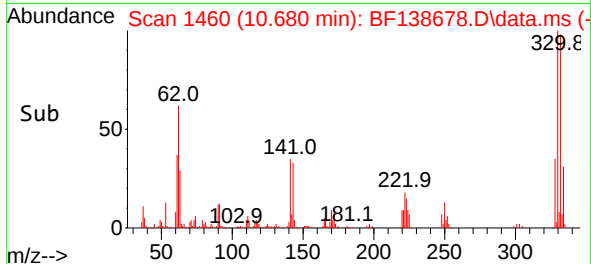


Tgt Ion:330 Resp: 98100
Ion Ratio Lower Upper
330 100
332 97.7 76.8 115.2
141 37.6 29.4 44.2

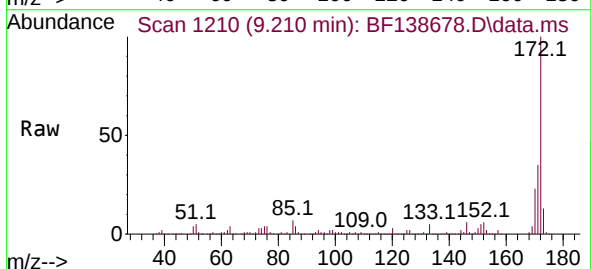
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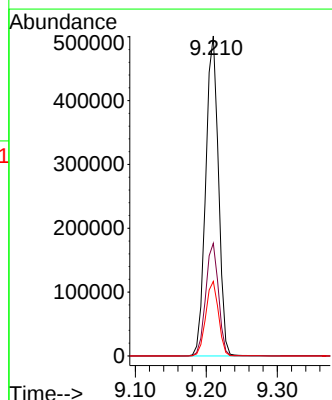
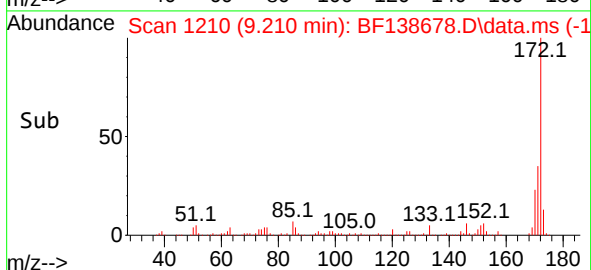
Reviewed By :Jagrut Upadhyay 07/30/2024
Supervised By :mohammad ahmed 07/31/2024

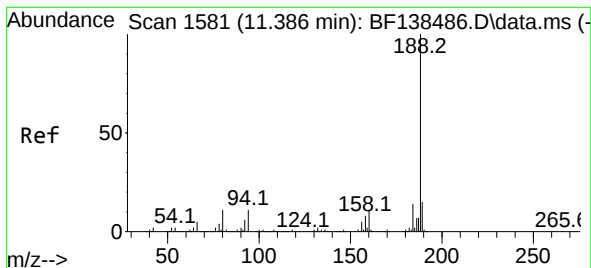


#45
2-Fluorobiphenyl
Concen: 72.118 ng
RT: 9.210 min Scan# 1210
Delta R.T. -0.018 min
Lab File: BF138678.D
Acq: 29 Jul 2024 19:47



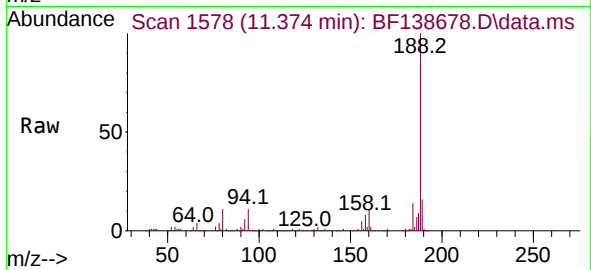
Tgt Ion:172 Resp: 627667
Ion Ratio Lower Upper
172 100
171 35.2 28.9 43.3
170 23.3 18.9 28.3





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.374 min Scan# 1581
Delta R.T. -0.012 min
Lab File: BF138678.D
Acq: 29 Jul 2024 19:47

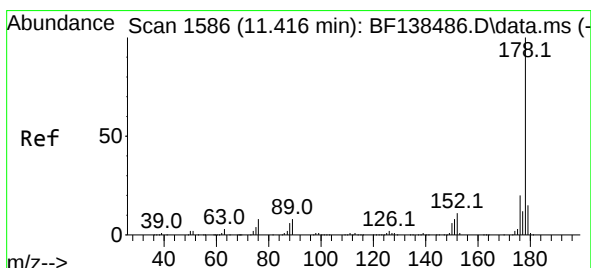
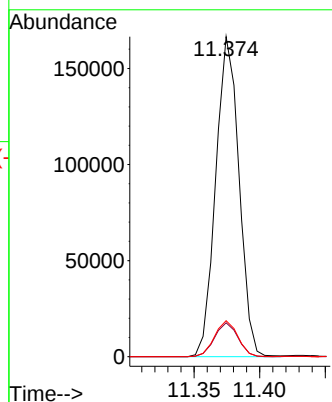
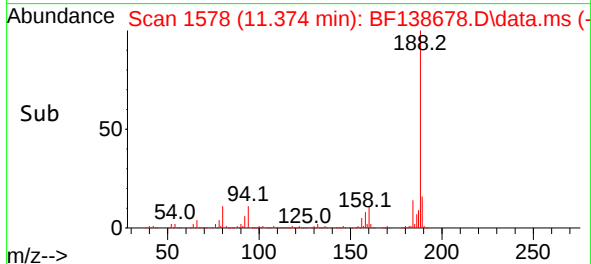
Instrument :
BNA_F
ClientSampleId :
TR-06-07252024



Tgt Ion:188 Resp: 205379
Ion Ratio Lower Upper
188 100
94 10.6 8.7 13.1
80 11.3 9.0 13.4

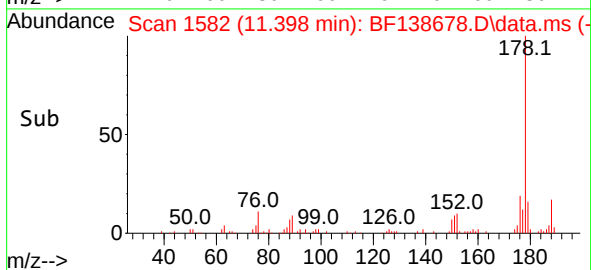
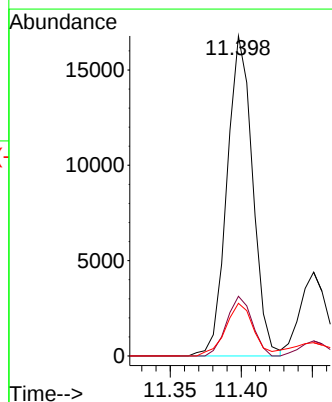
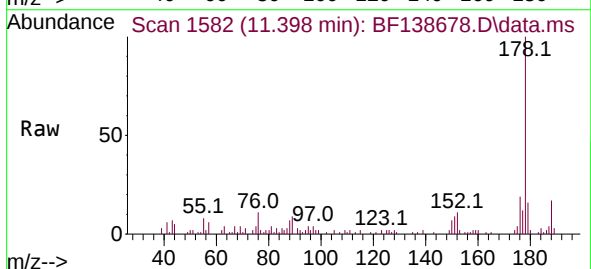
Manual Integrations
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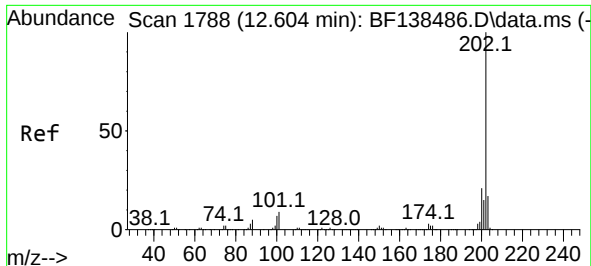
Reviewed By :Jagrut Upadhyay 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



#71
Phenanthrene
Concen: 2.030 ng
RT: 11.398 min Scan# 1582
Delta R.T. -0.018 min
Lab File: BF138678.D
Acq: 29 Jul 2024 19:47

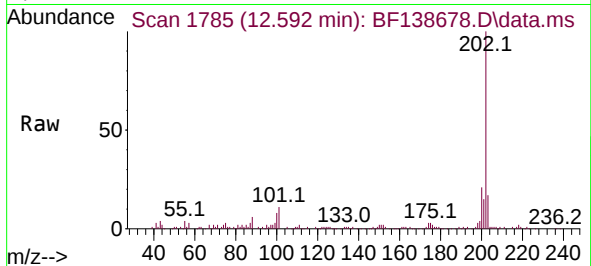
Tgt Ion:178 Resp: 21064
Ion Ratio Lower Upper
178 100
176 18.7 15.7 23.5
179 16.5 12.2 18.2





#75
Fluoranthene
Concen: 6.336 ng
RT: 12.592 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF138678.D
Acq: 29 Jul 2024 19:47

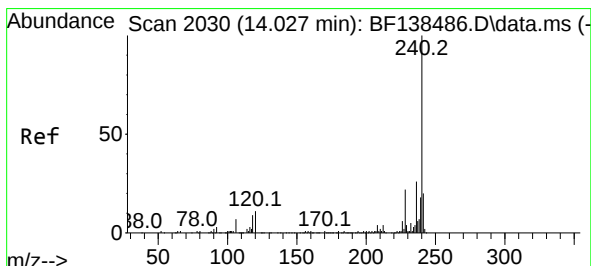
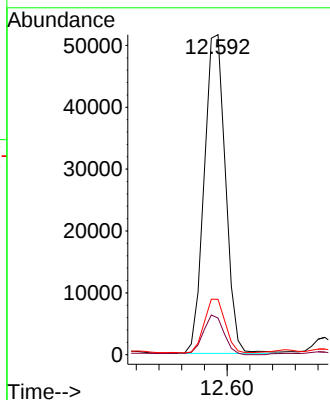
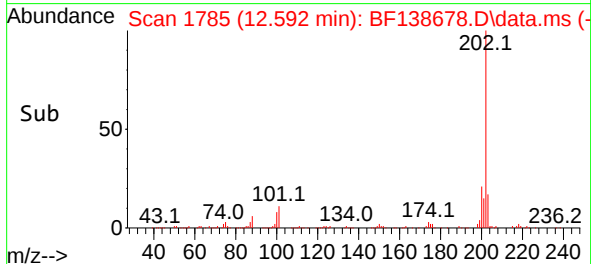
Instrument :
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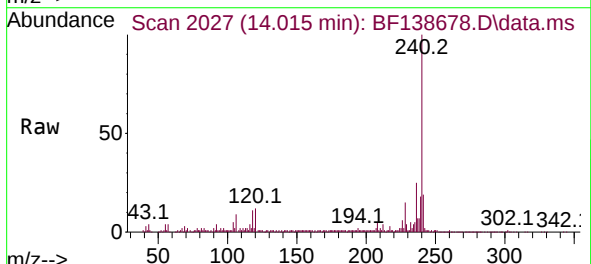
Tgt Ion:202 Resp: 67083
Ion Ratio Lower Upper
202 100
101 11.4 0.0 29.2
203 17.3 0.0 37.3

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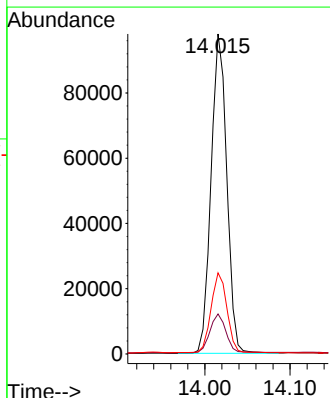
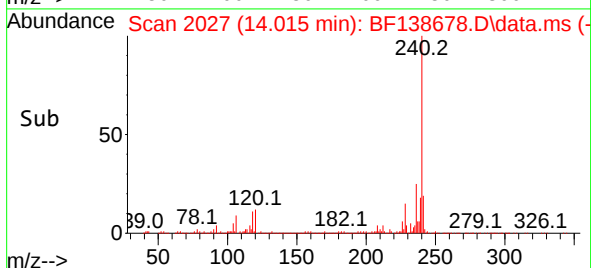
Reviewed By :Jagrut Upadhyay 07/30/2024
Supervised By :mohammad ahmed 07/31/2024

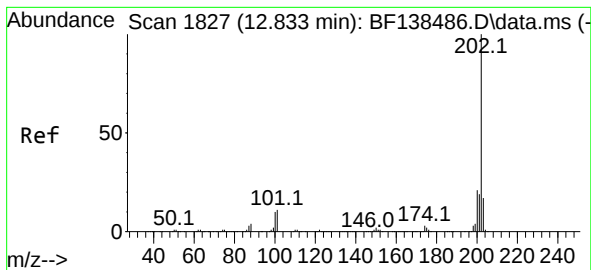


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.015 min Scan# 2027
Delta R.T. -0.012 min
Lab File: BF138678.D
Acq: 29 Jul 2024 19:47



Tgt Ion:240 Resp: 125312
Ion Ratio Lower Upper
240 100
120 12.5 8.6 12.8
236 25.4 21.0 31.6





#78

Pyrene

Concen: 5.102 ng

RT: 12.816 min Scan# 1823

Delta R.T. -0.018 min

Lab File: BF138678.D

Acq: 29 Jul 2024 19:47

Instrument :

BNA_F

ClientSampleId :

TR-06-07252024

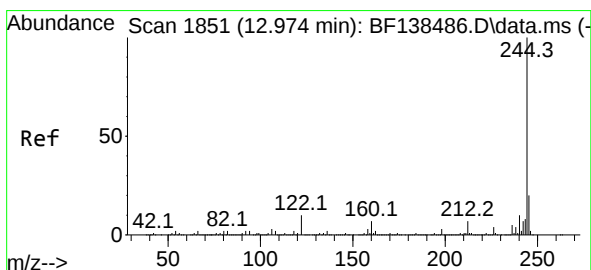
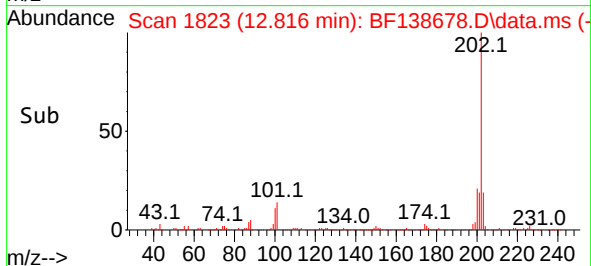
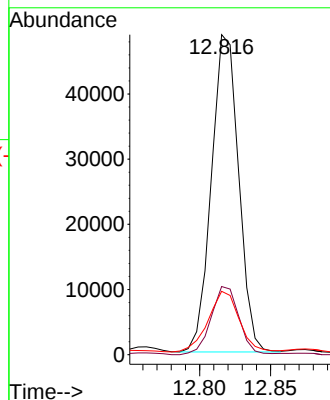
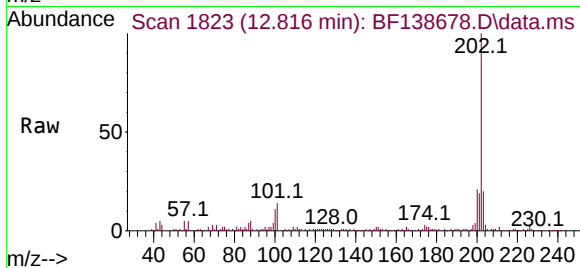
Tgt Ion:202 Resp: 64908

Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.0	25.6
203	19.8	13.7	20.5

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#79

Terphenyl-d14

Concen: 72.065 ng

RT: 12.963 min Scan# 1848

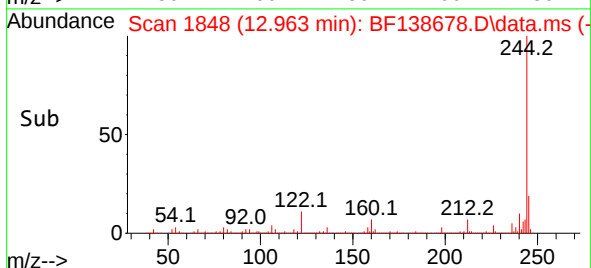
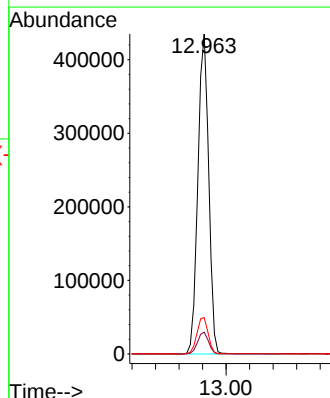
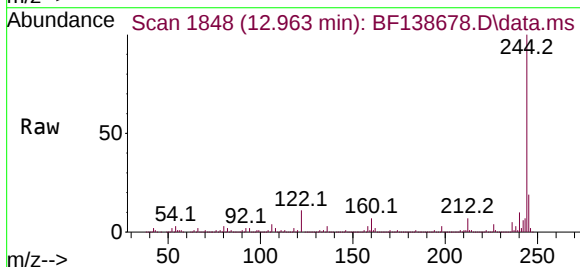
Delta R.T. -0.012 min

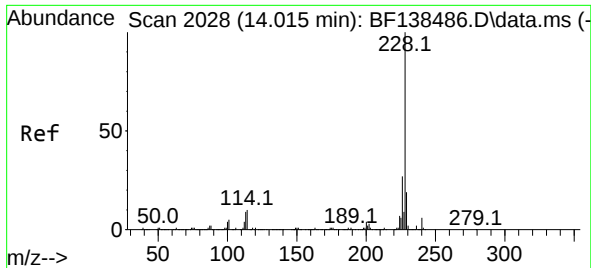
Lab File: BF138678.D

Acq: 29 Jul 2024 19:47

Tgt Ion:244 Resp: 554328

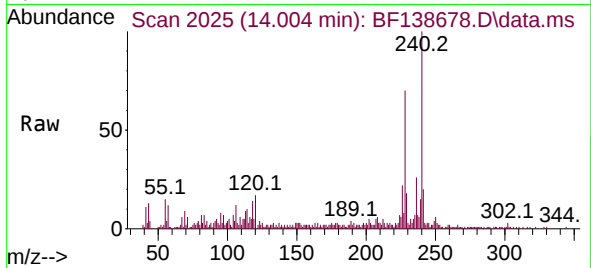
Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.5	8.3
122	11.4	7.8	11.8





#81
Benzo(a)anthracene
Concen: 3.728 ng
RT: 14.004 min Scan# 2028
Delta R.T. -0.012 min
Lab File: BF138678.D
Acq: 29 Jul 2024 19:47

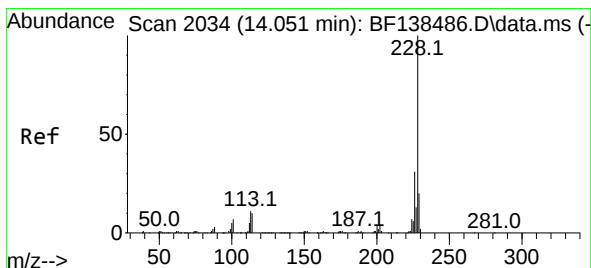
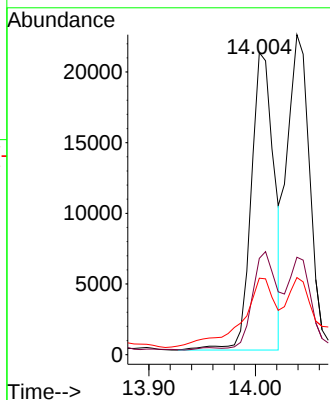
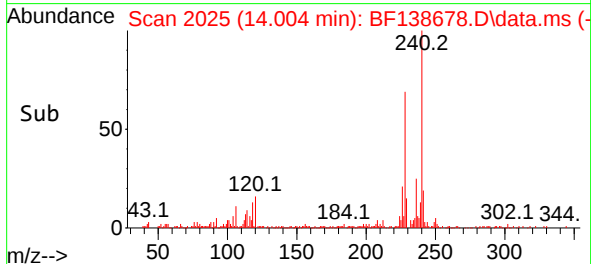
Instrument :
BNA_F
ClientSampleId :
TR-06-07252024



Tgt Ion:228 Resp: 3134
Ion Ratio Lower Upper
228 100
226 31.9 21.9 32.9
229 25.3 15.5 23.3

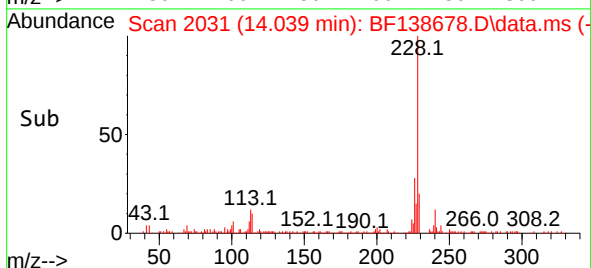
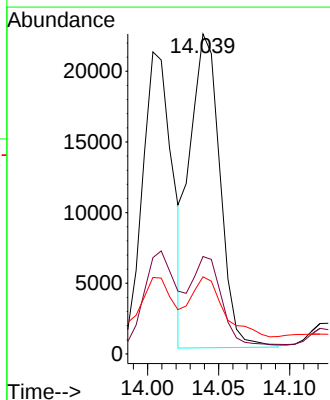
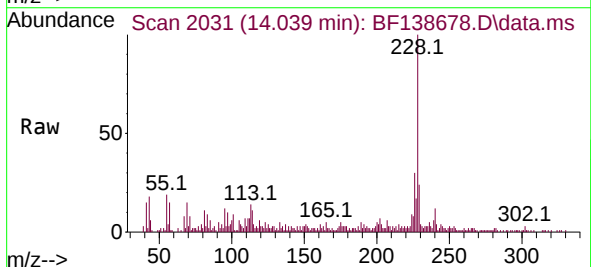
Manual Integrations
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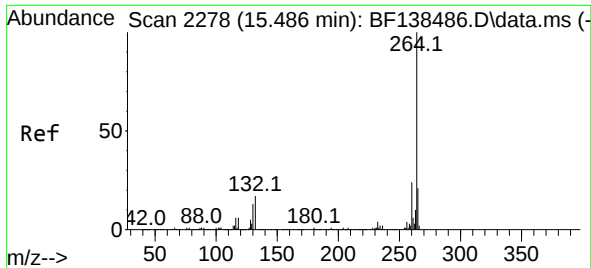
Reviewed By :Jagrut Upadhyay 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



#83
Chrysene
Concen: 4.100 ng
RT: 14.039 min Scan# 2031
Delta R.T. -0.012 min
Lab File: BF138678.D
Acq: 29 Jul 2024 19:47

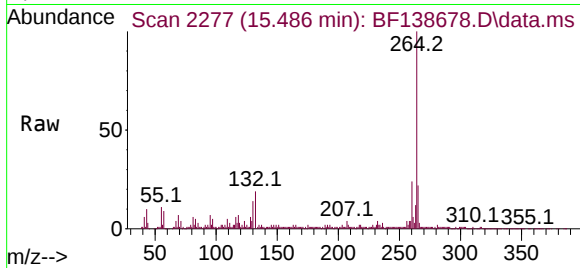
Tgt Ion:228 Resp: 32615
Ion Ratio Lower Upper
228 100
226 30.5 24.4 36.6
229 24.1 16.0 24.0





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.486 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF138678.D
Acq: 29 Jul 2024 19:47

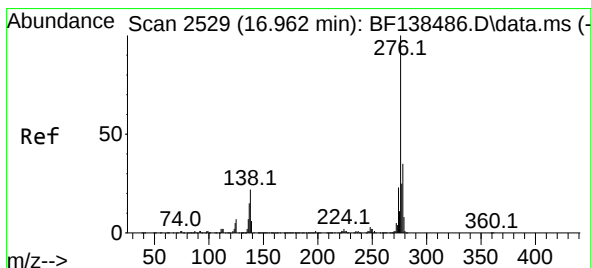
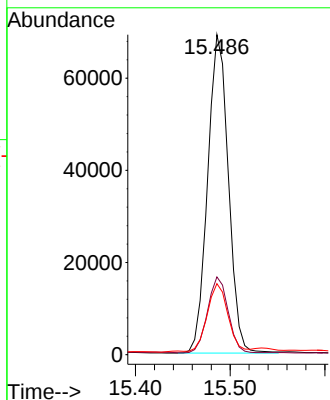
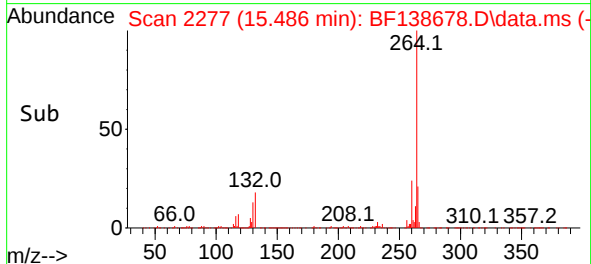
Instrument :
BNA_F
ClientSampleId :
TR-06-07252024



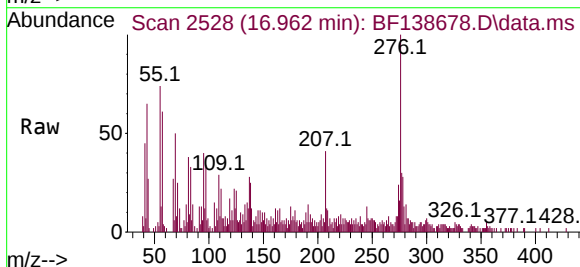
Tgt Ion:264 Resp: 10536
Ion Ratio Lower Upper
264 100
260 24.3 19.0 28.6
265 22.2 17.0 25.4

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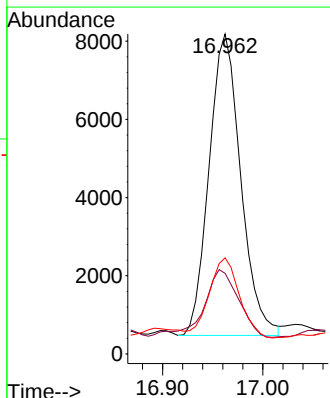
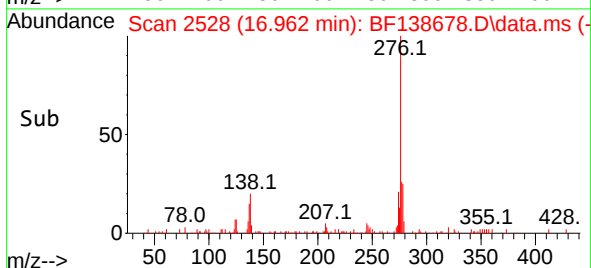
Reviewed By :Jagrut Upadhyay 07/30/2024
Supervised By :mohammad ahmed 07/31/2024

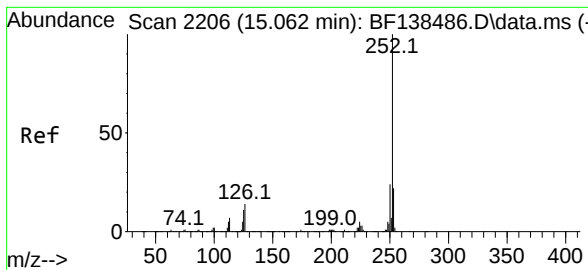


#87
Indeno(1,2,3-cd)pyrene
Concen: 2.388 ng
RT: 16.962 min Scan# 2528
Delta R.T. 0.000 min
Lab File: BF138678.D
Acq: 29 Jul 2024 19:47



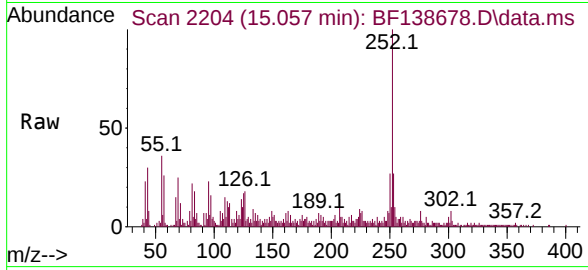
Tgt Ion:276 Resp: 16901
Ion Ratio Lower Upper
276 100
138 25.9 19.6 29.4
277 25.6 20.5 30.7





#88
Benzo(b)fluoranthene
Concen: 5.897 ng m
RT: 15.057 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF138678.D
Acq: 29 Jul 2024 19:47

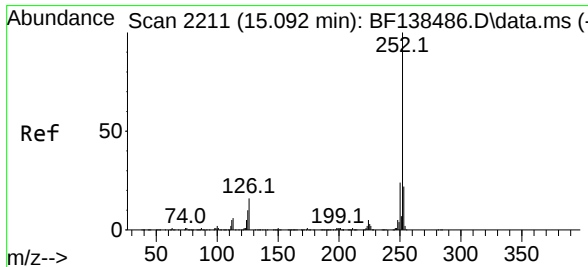
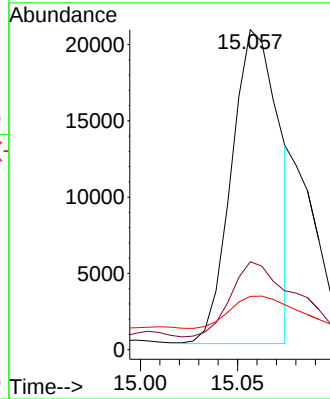
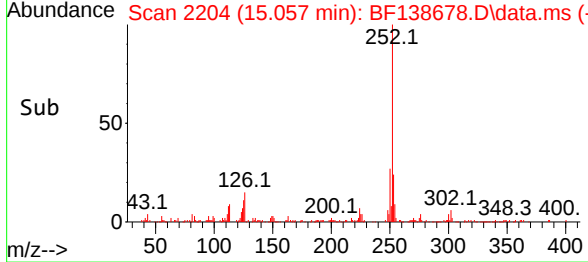
Instrument :
BNA_F
ClientSampleId :
TR-06-07252024



Tgt Ion:252 Resp: 34990
Ion Ratio Lower Upper
252 100
253 27.5 17.3 25.9#
125 16.7 8.6 13.0#

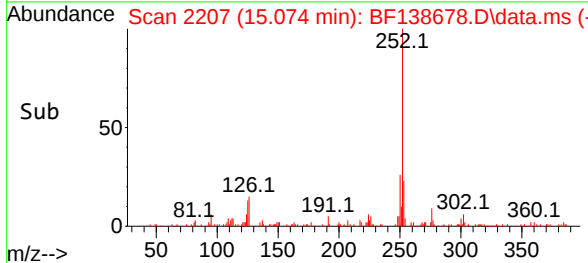
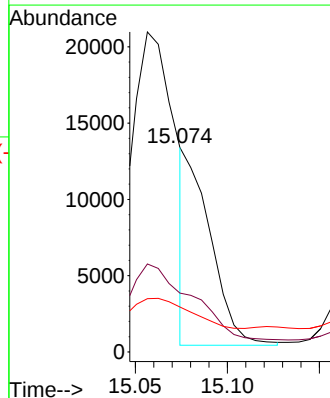
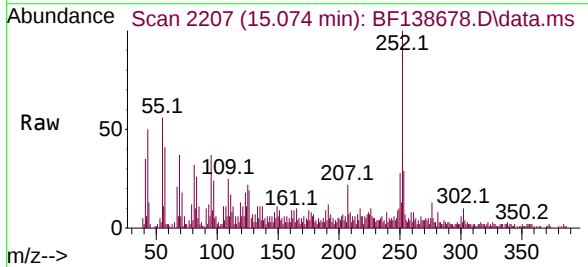
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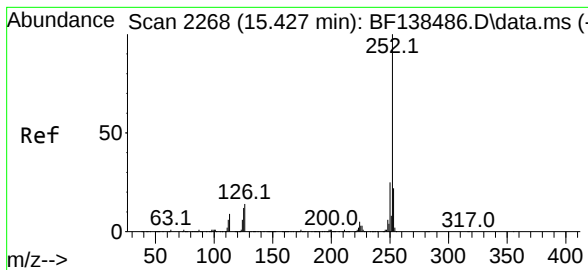
Reviewed By :Jagrut Upadhyay 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



#89
Benzo(k)fluoranthene
Concen: 2.089 ng m
RT: 15.074 min Scan# 2207
Delta R.T. -0.018 min
Lab File: BF138678.D
Acq: 29 Jul 2024 19:47

Tgt Ion:252 Resp: 12091
Ion Ratio Lower Upper
252 100
253 28.8 17.7 26.5#
125 22.0 8.1 12.1#





#90
Benzo(a)pyrene
Concen: 4.567 ng
RT: 15.421 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF138678.D
Acq: 29 Jul 2024 19:47

Instrument :

BNA_F

ClientSampleId :

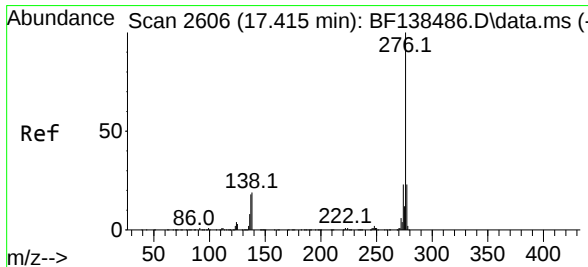
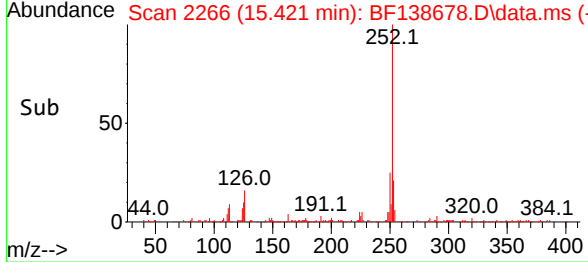
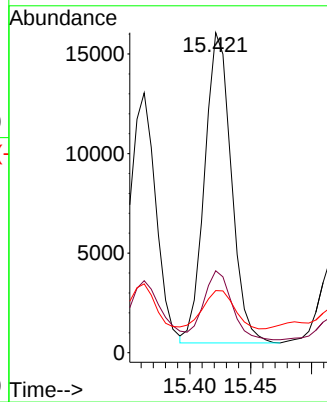
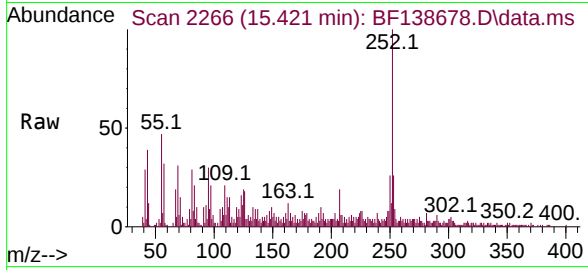
TR-06-07252024

Tgt Ion:252 Resp: 23800
Ion Ratio Lower Upper
252 100
253 25.6 17.4 26.0
125 19.4 9.4 14.2

Manual Integrations

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Reviewed By :Jagrut Upadhyay 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



#92
Benzo(g,h,i)perylene
Concen: 2.931 ng
RT: 17.409 min Scan# 2604
Delta R.T. -0.006 min
Lab File: BF138678.D
Acq: 29 Jul 2024 19:47

Tgt Ion:276 Resp: 17995
Ion Ratio Lower Upper
276 100
277 29.5 18.0 27.0#
138 26.8 15.5 23.3#

